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PATENT APPLICATION

ATTORNEY DOCKET NO. 10007799 -1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Xia Sheng et al

Confirmation No.: 3212

Application No.: 09/845845

Examiner: Santiago, Maricel

Filing Date: Apr 30, 2001

Group Art Unit:

Title: Silicon Emitter With Low Porosity Heavily Doped Contact Layer

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	4	MINUS	39	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: March 31, 2004

Typed Name: Alba P Escobar

Signature: *Alba P Escobar*

Respectfully submitted,

Xia Sheng et al

By *Trueman H Denny III*

Trueman H Denny III

Attorney/Agent for Applicant(s)

Reg. No. 44,652

Date: March 31, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Xia Sheng, et al.

Docket No.: 10007799-1

Application No. : 09/845,845

Group Art Unit: 2879

Filed: 04/30/2001

Examiner: Santiago, Mariceli

Title: SILICON EMITTER WITH LOW POROSITY HEAVILY DOPED CONTACT LAYER

AMENDMENT AND RESPONSE UNDER 35 U.S.C. §121 and 37 C.F.R. §1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This amendment is responsive to an Office Action, mailed **31 December 2003**, for the above-identified patent application.

AMENDMENT

Please Amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the **Claims Listing** which begins on **Page 2** of this response.

Remarks/The Present Amendment begin on **Pages 12** and **13** respectively of this response.

A **Conclusion** begins on **Page 15** of this response.